



# ASSI 2020 Virtual Conference

September 18-20, 2020

ASSI  
ASSOCIATION OF  
SPINE SURGEONS  
OF INDIA

## DAY - 1 - HALL A

### Friday, September 18, 2020

	Hall A	Moderators	Speakers
6:40- 7.00 pm	<b>INAUGURATION</b>		
7.00pm- 8.14pm	<b>Session 1a</b>	Dr. S. K. Srivastava, Dr. Prashant Kekre, Dr.J.V.Modi	
7.00pm- 7.05pm	<b>Introduction</b>		Dr. S.K.Srivastava
7.05pm- 7.15pm	<b>Case presentation:</b> Missed cervical spine injury		Dr.Vijay Kamath
7.15pm- 7.30pm	<b>Lecture:</b> Imaging in Blunt spinal trauma		Dr.Alexander R. Vaccaro
7.30pm- 7.35pm	<b>Discussion</b>		
7.35pm-8.14pm	<b>Debate:</b> Displaced type 2 odontoid fracture without neurologic deficit in 82 Y/F		
7.35pm- 7.41pm	Case presentation		Dr.Thomas Kishen
7.42pm- 7.48pm	Conservative		Dr.Abhay Nene
7.49pm- 7.55pm	Anterior odontoid screw fixation		Dr.Rajkumar Deshpande
7.56pm-8.02pm	Posterior C1-C2 Fusion		Dr.R Satish
8.03pm- 8.14pm	<b>Discussion</b>		
8.15pm- 8.45pm	<b>Session 1b</b>	Dr.Raghav Dutt. M, Dr.Suresh Pillai, Dr.Ujjwal Debnath	
8.15pm- 8.25pm	<b>Case presentation:</b> Displaced Hangman fracture		Dr.Vishal Kundnani
8.25pm- 8.40pm	<b>Lecture:</b> Algorithm for management of hangman's fracture		Dr.Jens Chapman
8.40pm- 8.45pm	<b>Discussion</b>		
8.45pm- 9.20pm	<b>Session 1c</b>	Dr.Karthik Kailash, Dr.Rushama Tandon, Dr.Uday Phute	
8.45pm- 9.10pm	<b>Debate:</b> 3 weeks old C5/6 uniface dislocation, neck pain without neurologic deficit in 35 Y / M		
8.45pm- 8.51pm	Case presentation		Dr.Tushar Rathod
8.52pm- 8.58pm	Conserve		Dr.Samir Dalvie
8.59pm- 9.05pm	Anterior insitu fusion		Dr.Ram Chaddha
9.06pm- 9.12pm	Posterior +/- anterior reduction		Dr.Sajan Hegde



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9.13pm- 9.20pm	Discussion		
9.20pm- 10.20pm	Session 1d	Dr.Shankar Acharya, Dr.G.R. Vijaykumar, Dr. Sarat Chandra	
9.20pm- 9.30pm	Case presentation: Cervical spine injury in ankylosing spondylitis		Dr.S Gururaj
9.30pm- 9.45pm	Lecture: Approach to post-traumatic cervical kyphosis in ankylosing spondylitis		Dr.Praveen Mummaneni
9.45pm- 9.50pm	Discussion		
9.50pm- 10.00pm	Case presentation: Cervical pseudomeningocele		Dr.Bharat Dave
10.00pm- 10.15pm	Lecture: Intraoperative cervical dural tears: A management algorithm		Dr.Michael Fehlings
10.15pm-10.20pm	Discussion		

**DAY - 1 - HALL – B**  
**Friday, September 18, 2020**

		Moderators	Speakers
7.00pm- 9.15pm	Session 2a		
7.00pm- 7.03pm	Introduction		Dr. Neeraj Gupta
7.04pm- 7.57 pm	Free papers - Deformity	Dr.Neeraj Gupta, Dr. G. D. Tharadra, Dr.Dhruvin Patel	
7.04pm-7.07pm	Does Variation in Radiological Parameters Determine Cosmetic Appearance in Idiopathic Scoliosis? – A Clinico-Radiological Correlational Analysis.		V Arun Kumar
7.10pm-7.13pm	Surgical Outcome in Congenital Scoliosis- Review of 40 patients		Raj Sakhrekar
7.16pm-7.19pm	3D printed patient specific pedicle screw guide in spine		A Kashyap
7.22-7.25pm	What decides shoulder levels in a double thoracic (Lenke 2) Adolescent Idiopathic Scoliosis?		J Naresh-Babu
7.28pm-7.31pm	Reduced radiation protocol for O-arm navigation in paediatric deformity patients: A feasibility study		S Kapoor
7.34pm-7.37pm	Paediatric Spinal Osteotomy for Severe Rigid Kyphoscoliosis– It's Difficult and Different!!! Clinico Radiological efficacy of Spinal Osteotomy in 32 paediatric cases over long term follow up		V Kundnani

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7.40pm-7.43pm	Treatment Strategies and Surgical Outcomes on Quality of Life in Operated Cervical Kyphosis: An Experience From Indian Tertiary Care Centre		Shrijith M B
7.46pm-7.49pm	Outcome of Posterior Vertebral Column Resection and Pedicle Screw Instrumentation for Congenital Kyphoscoliosis		Maddali Manikanta
7.52-7.55pm	Single stage anterior release and posterior instrumented correction in rigid complex spinal deformity.		Vishnu Prasath
7.58pm-9.15pm	<b>Free papers- Infection and Trauma</b>	<b>Dr.Sandeep Sonone, Dr.Ayush Sharma,</b>	
7.58pm-8.01pm	Cervical Spine Tuberculosis: Conservative management and its outcome. a prospective study of 84 patients		Ghanshyam Kakadiya
8.04pm- 8.07pm	Percutaneous Pedicle Screw Rod Fixation Versus Conservative Care in Treatment of Thoracolumbar Spondylodiscitis		D Doddabhadre Gowda
8.10pm- 8.13pm	Role of Diffusion Tensor Imaging(DTI) in patients of TB spine with neurological deficit		K Ahuja
8.16pm- 8.19pm	Evaluation of the Efficiency of Halo Vest Immobilization in Cervical Spine Tuberculosis		S Acharya
8.22pm- 8.25pm	Diagnostic Efficacy, Sensitivity and Specificity of Xpert MTB/RIF assay for Spinal Tuberculosis and Rifampicin Resistance		J Patel
8.28pm- 8.31pm	Paradoxical reaction in Spinal Tuberculosis		G Zaveri
8.34pm- 8.37pm	Unstable Traumatic Typical Hangmans Fracture Type 2 Clinico Radiological Evaluation of Surgical Results with Microscopic Assisted Anterior Discectomy, Fusion and Plating		M Kumar Meena
8.40pm- 8.43pm	Results of Early Versus Delayed Decompression for Traumatic Cervical Spinal Cord Injury: A Single Center Prospective Study		Biswaranjan Nayak
8.46pm- 8.49pm	Pattern of Spine Fractures in Sub-Himalayan Region: Experience at a tertiary care center		Syed Ifthekar
8.52pm- 8.55pm	Diaphragm pacing: Is it possible to get rid of mechanical ventilation in cervical injury patients?		M N Muttha
8.58pm- 9.01pm	Osteoporotic Burst Fractures with Incomplete Neurology — Indirect Decompression with Percutaneous Fixation & Cement Augmentation		R Gala



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9.04pm- 9.07pm	Unstable osteoporotic fractures with neurological impairment- radiological scoring and treatment		R Thete
9.10pm- 9.13pm	Vesselplasty in Difficult situations:		A Bhawe
9.15pm- 9.45pm	Session 2b	Dr.Saamyajit Basu, Dr.Suryaprakash Rao V., Dr.Pankaj Kandwal	
9.15pm- 9.25pm	Case presentation: Proximal Junction Kyphosis after correction of adult degenerative scoliosis		Dr.Renjith Unnikrishnan
9.25pm- 9.40pm	Lecture: PJK- Is it a surgeon's gift or is it inevitable?		Dr.Jean Le Huec
9.40pm- 9.45pm	Discussion		
9:45pm- 10.20pm	Session 2c	Dr.Appaji Krishnan, Dr.Niraj Vasavada, Dr.Manoj Sharma, Dr.Mohinder Kaushal	
9:45pm- 10.20pm	Debate- L4- L5 Grade 1 Degenerative Spondylolisthesis with Stenosis		
9.45pm- 9.51pm	Case presentation		Dr.Gurudip Das
9.52pm- 9.58pm	Open decompression + fusion		Dr.Rajesh Parasnis
9.59pm- 10.05pm	MIS- over the top decompression		Dr.Arvind Kulkarni
10.06pm- 10.12pm	OLIF ± Posterior fixation		Dr.Amit Jhala
10.13pm- 10.20pm	Discussion		



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**DAY - 2 - HALL - A**  
**Saturday, September 19, 2020**

	Room A	Moderators	Speakers
8.00- 8.40am	Session 3a	Dr.Arvind Jayaswal, Dr.Vishal Peshattiwari, Dr.Umesh Srikantha	
8.00am- 8.05am	Introduction		Dr. Arvind Jayaswal
8.05am- 8.15am	Case presentation: Grade III spondylolisthesis		Dr. Upendra. B. N
8.15am- 8.30am	Lecture + Video: MIS Reduction of high grade listhesis		Dr.Larry Khoo
8.30am- 8.40am	Discussion		
8.40am- 9.10am	Session 3b		
8.40am- 9.10am	ASSI award presentations (7 mins X4)	Prof. V. T Ingalhalikar, Dr. S.M Hardikar Dr.H.S.Chhabra	
8.40am-8.47am	ASSI Clinical Research Award - A Prospective Study To Assess The Correlation Between Recurrence Of Symptoms And Sagittal Spinopelvic Imbalance In Lumbar Intervertebral Disc Prolapse	Dr. Suresh Pillai	
8.48am- 8.50am	ASSI Publication Award	Dr. S Rajasekaran	
8.51am- 8.57am	ASSI Basic Research Award - Human Intervertebral Discs Harbor A Unique Microbiome and Dysbiosis Determines Health and Disease	Dr. S Rajasekaran	
8.58am- 9.04am	ASSI Young Investigator Award - Lumbar Disc Herniation and Modic changes: Influence on the Clinical Outcomes after Microdiscectomy	Dr. Dinesh K	
9.05am-9.11am	ASSI Reseach Grant Award 1- Comparision of multifidus fatty infiltration in various lumbar degenerative pathologies	Dr.Naresh Babu	
9.12am- 9.30 am	Discussion & Comments		
9.30- 10.50am	Session 3c	Dr HS Chhabra, Dr Shekar Bhojraj , Dr Shankar Acharya	
9.30am- 10.00am	Presidential Guest Oration		
	An Editor's tips on getting research accepted for publication		Prof.Lisa Harvey

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10.00am- 10.30am	Presidential Oration		Dr.H.S.Chhabra
10.30-10.50am	Launch of ASSI`s E-learning program	Dr.H.S.Chhabra	
3.00-4.00pm	General Body Meeting		
	Evening Break		
7.00-8.00pm	Session 4a	Dr. Anil Jain, Dr.Nalli Uvaraj, Dr.Kalidutta Das	
7.00pm-7.05pm	Introduction		
7.05-7.20pm	Lecture: Current clinical guidelines for treatment of ossification of spinal ligaments		Dr.Yoshiharu Kawaguchi
7.20-7.35pm	Lecture: Disc to endplate - A shift in focus		Dr.S.Rajasekaran
7.35- 7.50pm	Lecture: Sacral insufficiency fracture		Dr.Bhavuk Garg
7.50-8.00pm	Discussion		
8.00pm-9.15 pm	Session 4b	Dr.Subir Jhaveri, Dr.Chirayu Pamecha, Dr.Abrar Ahmed	
8.00pm-8.05pm	Introduction		Dr. Subir Jhaveri
8.05pm-8.20pm	Lecture: Surgery for Symptomatic sacral Tarlov Cysts: Techniques, pearls & pitfalls		Dr. Ripul Panchal
8.20pm-8.35pm	Lecture + Video: Techniques for Sacropelvic fixation		Dr.Gabriel Liu
8.35-8.45pm	Discussion		
8.45-8.55pm	Case presentation: Transverse sacral fracture		Dr.Rishi Kanna
8.55-9.10pm	Lecture: Classification & algorithm for management of sacral fractures		Dr.Carlo Bellabarba
9.10-9.15pm	Discussion		
9.15pm-10.40pm	Session 4c	Dr.Gautam Zaveri, Dr.Sajesh Menon, Dr.Priyank Patel	
9.15pm-9.25pm	Case presentation- Sacral chordoma		Dr.Naresh Babu
9.25-9.40pm	Lecture & Video: Distal sacrectomy		Dr.Jeremy Reynolds
9.40-9.45pm	Discussion		
9.45-9.55pm	Case presentation: Large sacral GCT		Dr.ShankarAcharya
9.55pm- 10.10pm	Lecture: Current trends in management of large sacral GCTs		Dr.Charles Fisher
10.10-10.25pm	Lecture + Video: Total sacrectomy with reconstruction		Dr.Laurence D Rhines
10.25-10.40pm	Discussion		



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**DAY - 2 - HALL - B**  
**Saturday, September 19, 2020**

		Moderator	Speakers
7.00pm- 7.55pm	Session 4a	Dr.Arvind Bhawe, Dr.Rupinder Chahal, Dr.Ravi Venkatesan, Dr. Mahesh Bijjawara	
7.00pm- 7.05pm	Introduction		Dr. Arvind Bhawe
7.05pm- 7.15pm	Case Presentation: OVCF		Dr.Vikas Tandon
7.15pm-7.30pm	Lecture: Classification, natural history and algorithm for management of OVCFs		Dr.Klaus Schnake
7.30pm- 7.45pm	Lecture: Current Role and Timing of Vertebroplasty in the Management of OVCFs in the era of teriparatide		Dr.Lorin M.Benneker
7.45pm-7.55pm	Discussion		
7.55pm- 10.20pm	Session 4b		
7.55pm- 9.05pm	Free paper session- Cervical Degenerative Conditions and Others	Dr.Dhiraj Sonawane, Dr.Ashok Thomas	
7.55pm- 7.59pm	Surgical strategies in management of concurrent cervical and lumbar tandem stenosis- a 10 year institutional experience		S Mohapatra
8.02pm- 8.05pm	Triple level spinal stenosis – single stage management in 28 patients – clinico-radiological and surgical results		D Degulmadi
8.08pm- 8.11pm	Computer tested Composite grip strength ( CoGS) : A new tool to assess outcome in patients surgically treated for Degenerative Cervical myelopathy		R Amritanand
8.14pm- 8.17pm	A prospective study to evaluate whether direct decompression is required in severe central canal stenosis schizas grade c and d.		S Gajjar
8.20pm- 8.23pm	Clinicoradiological outcome analysis of long segment decompression with limited spinal fusion for degenerative disease of lumbar spine		S Dhar
8.26pm- 8.29pm	Does One year Post operative Cord Signal Changes in MRI Correlate with Neurological Recovery in Patients with Cervical Spondylotic Myelopathy (CSM)?		N Agarwal

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8.32pm- 8.35pm	Tricortical Iliac Crest Bone Grafts Alone for Anterior Cervical Discectomy and Fusion- Analysis of 32 Cases		R J Kumar
8.38pm- 8.41pm	Is vertigo associated with cervical degenerative spondylosis?		T. Rathod
8.44pm- 8.47pm	Surgical Outcome of Anterior Cervical Corpectomy and Fusion for Severe Ossification of Posterior Longitudinal Ligament.		R Venkatesan
8.50pm- 8.53pm	Challenges in the management of aneurysmal bone cysts of the spine: a proposed treatment strategy		A Bosco
8.56pm- 8.59pm	Ossification of the Ligamentum Flavum: etiology, unique radiological features, surgical techniques and outcome.		N Muthukumar
9.02pm- 9.05pm	Effective and rationalized management protocol for symptomatic congenital craniovertebral anomalies		A Raj
9.08pm-10.20pm	<b>Free paper session- Lumbar Degenerative Conditions</b>	<b>Dr.Agnivesh Tikoo, Dr. Phanikiran</b>	
9.08pm- 9.11pm	Standalone Ti/PEEK implant for anterior lumbar interbody fusion ALIF: clinical and radiological outcomes at 6 months		WJ Choy
9.14pm- 9.17pm	Does Platelet Rich Plasma with autografts enhance bone fusion in Transforaminal Lumbar Interbody Fusion compared to autografts alone? A Prospective comparative study.		G Sudhir
9.20pm- 9.23pm	Multimodal Applications of the 3D Navigation in Single Level: Impact on Precision, Accuracy, Complications and Radiation Exposure.		A Pritem
9.26pm- 9.29pm	Are Minimally Invasive Robotic Guided Transforaminal Lumbar Interbody Fusion More Safe and Accurate than Free Hand Open Transforaminal Lumbar Interbody Fusion ? Midterm Results		Badikillaya V Badikillaya
9.32pm- 9.35pm	Approach to Soft Tissue Reconstruction for Complex Spinal Wounds.		S Chauhan
9.38pm- 9.41pm	Revision thoracolumbar spine surgery– is it time to change our approach?		V H D Kamath
9.44pm- 9.47pm	A clinical comparison between uniportal interlaminar endoscopic discectomy (U-ILED), unilateral biportal endoscopic discectomy (UBED) and open lumbar microdiscectomy (OLM): A comparison of different interlaminar procedures		Shah Shaishav
9.50pm- 9.53pm	Fractured facet joint osteophyte causing cervical myelopathy.		A Upadhyay
9.56pm- 9.59pm	Learning curve for new technique : Unilateral Biportal Endoscopy (UBE) - Indian experience of 32 cases		AJ Rege
10.02pm-10.05pm	Clinical, functional and radiological long term outcomes of minimal invasive TLIF		V.M. Gupte
10.08pm- 10.11pm	Concurrent use of lumbar disc replacement and anterior interbody fusion for the multilevel symptomatic disc disease		Anand Naik





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<b>10.14pm- 10.17pm</b>	Does minimally access transforaminal lumbar inter body fusion (TLIF) achieve desired contralateral decompression using only ipsilateral approach by a tubular retractor system in patients undergoing fusion surgery for spondylolisthesis with bilateral legs / buttocks symptoms		<b>Prashant Baid</b>
<b>10.20pm- 10.23pm</b>	Anterior versus posterior approach for treatment of thoracolumbar burst fracture: A comparative prospective study		<b>Arvind Singh</b>

## DAY - 3 - HALL - A

### Sunday, September 20, 2020

	Room A	Moderator	Speakers
<b>8.00am- 8.45am</b>	<b>Session 5a: Post-operative wound infection</b>	<b>Dr.Sivakumar R, Dr.Manish Chadha, Dr.Ajay Krishnan</b>	
<b>8.00am- 8.05am</b>	<b>Introduction</b>		<b>Dr. R. Sivakumar</b>
<b>8.05am- 8.15am</b>	<b>Lecture:</b> Preventing SSI in spine surgery		<b>Dr.Janardhana Aithala</b>
<b>8.15am- 8.25am</b>	<b>Lecture:</b> Diagnosis & evaluation of SSI following spine surgery		<b>Dr.Saumyajit Basu</b>
<b>8.25am- 8.35am</b>	<b>Lecture:</b> How to prevent negative cultures & How to interpret an antibiotic sensitivity report		<b>Dr Tanu Singhal</b>
<b>8.35am- 8.45am</b>	<b>Discussion</b>		
<b>8.45am- 9.25pm</b>	<b>Session 5b</b>	<b>Dr.Ankur Nanda, Dr. Shaheel Majid, Dr. Abhishek Srivastava</b>	
<b>8.45am- 8.55am</b>	<b>Lecture:</b> Principles of Irrigation & Debridement		<b>Dr.Rohit Amritanand</b>
<b>8.55am- 9.05am</b>	<b>Lecture:</b> Biofilms in spine surgery		<b>Dr.Kshitij Chaudhary</b>
<b>9.05am- 9.15am</b>	<b>Lecture:</b> Implant remove/ replace/ retain		<b>Dr.Amol Rege</b>
<b>9.15am- 9.25am</b>	<b>Discussion</b>		

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9.25am- 10.10am	Session 5c	Dr. Yogesh Pithwa, Dr.Manish Chadha, Dr. Kenny David	
9.25am- 9.35am	Lecture: Primary or secondary wound closure		Dr.Shrirang Purohit
9.35am- 9.45am	Lecture: Local options for infection control		Dr.Ajoy Shetty
9.45am- 10.00am	Lecture: Antibiotics: When, What & For how long ?		Dr.Venkatesh Krishnan
10.00am- 10.10am	Discussion		
10.15am- 11.15am	Interactive case based discussion	Dr Mihir Bapat, Dr Vikas Agashe, Dr Ketan Badani, Dr P Upendra	Dr.Gautam Zaveri

2.00pm-5.20pm	ASSI Sessions		
02.00 - 03.10pm	VTI Gold Medal Free Paper Session	Prof. V. T. Ingalhalikar, Dr.Shekhar Bhojraj, Dr.Vishvendra Sinha	
	Judges : Dr.Raghav Dutt, Dr.Saumyajit Basu, Dr.S.K.Srivastava,		
2.00pm- 2.07pm	Recovery of Motor Function of Lower Limbs by Spinal Epidural Electrical Stimulation after Spinal Cord Injury: A pilot clinical study	Dr.KKV Kalidindi	
2.08pm- 2.10pm	Discussion		
2.11pm- 2.17pm	Thoracic Myelopathy due to Ossified Ligamentum Flavum: An Analysis of Factors Affecting Outcomes	Dr.Rajdeep Bagga	
2.18pm- 2.20pm	Discussion		
2.21pm- 2.27pm	Role of Invasive Urodynamic Studies in Establishing Cauda Equine Syndrome and Postoperative Recovery	Dr.A Mallepally	
2.28pm- 2.30pm	Discussion		
2.31pm- 2.37pm	Use of Intra-Operative Spine Distractor for the Application of Magnetic Spinal Growth Rods(MCGR) – A Novel Technique for Balancing Spine and Maximizing Correction in Immature Spine	Dr.N Pandita	
2.38pm- 2.40pm	Discussion		
2.41pm- 2.47pm	The Effect of Lumbosacral Fusion on Scoliotic Curves in Patients with Spondylolysis/Spondylolisthesis Co-existing with Scoliosis - A Retrospective Cross-sectional Study of Clinical, Functional and Radiological Outcomes	Dr.S Dilip Chand Raja	
2.48pm- 2.50pm	Discussion		
2.51pm- 2.57pm	The Resurgence of CT Myelogram using HRCT with Dynamic Oblique Reconstruction in the Age of MRI	Dr.K Akbari	
2.58pm- 3.00pm	Discussion		
3.01pm- 3.07pm	Ossification of Posterior Longitudinal Ligament in Cervical Spine and its Association with Ossified Lesions in the Whole Spine: A Cross-Sectional Study on Indian Population.	Dr.Neerav Anand	

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3.08pm- 3.10pm	Discussion	
03.10 - 04.10pm	Panel Discussion on COVID 19 and Practice	Dr.Bhavuk Garg
		Panelists : Dr.S.Rajasekaran, Dr.H.S.Chhabra, Dr.Shankar Acharya, Dr. SK Srivastava, Dr.Ram Chaddha
04.10-05.15pm	ASSI Multicentre Trial Report	Dr.H.S.Chhabra, Dr.Raghav Dutt
4.10pm-4.15pm	Introduction	Dr.HS Chhabra
4.16pm- 4.22pm	Does timing since onset affect outcome of surgical management of PIVD with neurologic deficit	Dr.Janardhana Aithala
4.23pm- 4.29pm	Correlation of MRI assessment and intra-operative assessment of PLC Injury in thoracolumbar trauma: Assessment of PLC injury in thoracolumbar trauma: Does MRI predict PLC Injury	Dr.Tarun Suri
4.30pm-4.36pm	Role of PET scan in management of secondaries of the spine: Retrospective study	Dr.HS Chhabra
4.37pm- 4.43pm	Correlation of clinical and radiological healing in spinal tuberculosis	Dr.Naresh Babu
4.44pm-4.50pm	Cervical sagittal alignment changes following deformity correction in Lenke 1 AIS curves	Dr.Bhavuk Garg
4.51pm- 4.56pm	Retrospective study of complications of PIVD MISS with various techniques	Dr.Arvind Kulkarni
4.57pm- 5.15pm	Discussion	
5.15pm	Valedictory Function	

**DAY - 3 - HALL – B**  
**Sunday, September 20, 2020**

	Room B	Moderators	Speaker
8.00am- 10.15am	Session 6a		
8.00am- 8.05am	Introduction	Dr. Varun Agarwal	
8.05am- 9.15am	Free papers- Infection, Trauma, Tumor and Deformity	Dr.Shumayou Dutta, Dr.Abhishek Srivastava, Dr.Amitava Biswas	
8.05am- 8.07am	Anterior Column reconstruction through Posterior approach in Tubercular Spondylodiscitis		Shah Waliullah
8.09am- 8.11am	All Posterior Circumferential decompression and fusion with Anterior reconstruction & Posterior Instrumentation in Thoracolumbar Tuberculosis		O PATIL

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<b>8.13am-8.15am</b>	Outcomes of Pyogenic Lumbar Spondylodiscitis treated by Transforaminal Lumbar Interbody Debridement and Fusion.		<b>A Kapoor</b>
<b>8.17am- 8.19am</b>	Comparison of clinical, radiological characteristics and outcomes of treatment of gram-negative, gram-positive and tuberculous spondylodiscitis with neurological involvement		<b>A Pawar</b>
<b>8.21am-8.23am</b>	A Novel method of single stage treatment of Lumbo-Sacral tuberculosis with unilateral pedicle screw fixation, transforaminal debridement and decompression and tricortical iliac bone graft fusion		<b>V THANGAMAN I</b>
<b>8.25am- 8.27am</b>	Results of combined anterior and posterior reconstruction all through posterior approach in spinal infections.		<b>Janardhana Aithala P</b>
<b>8.29am- 8.31am</b>	Importance of percutaneous transpedicular biopsy study in clinico-radiologically diagnosed spinal tuberculosis		<b>M Sahoo</b>
<b>8.33am- 8.35am</b>	Assessment Of Clinical And Radiological Parameters In Spinal Tuberculosis: Comparison Between Hiv Positive And Hiv Negative Patient		<b>S SAGANE</b>
<b>8.37am- 8.39am</b>	Results of Mortality Audit of elderly patients with tubercular spondylodiscitis undergoing spine surgery.		<b>P Patel</b>
<b>8.41am- 8.43am</b>	Comparison of clinical results between spinal fixation and distraction versus spinal decompression and fixation in incomplete neurological deficit: A randomized prospective study		<b>S Dhatt</b>
<b>8.45am- 8.47am</b>	Challenges in the management of neglected supra axial cervical spine injuries		<b>S Ifthekar</b>
<b>8.49am- 8.51am</b>	Chronic neglected irreducible atlantoaxial rotatory subluxation adolescence		<b>PRAVIN PADALKAR</b>
<b>8.53am- 8.55am</b>	Multilevel Non-contiguous Spinal Fractures in Adolescent Idiopathic Scoliosis (AIS) - A Report of 3 Cases		<b>KS ANAND</b>
<b>8.57am- 8.59am</b>	Feasibility of local administration of chemotherapeutic drugs as an effective adjuvant therapy in primary, recurrent and metastatic extradural tumours of the spine- review of literature		<b>K MAHARAJAN</b>
<b>9.01am- 9.03am</b>	Symptomatic Implant/Construct Failure after Metastatic Spine Tumour Surgery		<b>Naresh Kumar</b>
<b>9.05am- 9.07am</b>	A RARE CASE REPORT OF CALCIFYING PSEUDONEOPLASMS OF THE NEURAL AXIS (CAPNON) NEURAL AXIS (CAPNON)		<b>S PAMMI</b>

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9.09am- 9.11am	Validation of a Hindi version of the Revised Scoliosis Research Society (SRS)-22r Questionnaire in Patients with Adolescent Idiopathic Scoliosis		NH Mehta
9.13am- 9.15am	Isolated Extradural Rosai-Dorfman Disease with Spinal Cord Compression - A Case Report and Literature Review		A KUMAR
9.17am- 10.16am	<b>Free Papers- Degenerative</b>	<b>Dr.Varun Agarwal, Dr.Sudhir G,</b>	
9.17am- 9.19am	Arthrospine assisted endoscopic MIS Fusion		mohinder kaushal
9.21am- 9.23am	FELTIF Full Endoscopic Lumbar Transforaminal Interbody Fusion in DDD Degenerative Disc Disease L5 S1 a recent New Technique		SANJAY CHHAWRA
9.25am- 9.27am	Feasibility And Safety Of Outpatient Lumbar Microscopic Discectomy In A Developing Country.		A Jaiswal
9.29am- 9.31am	Flip laminoplasty- A novel solution for approaching diverse dorsal and lumbar Pathologies		Ramesh Kumar
9.33am- 9.35am	Anterior Retropharyngeal Approach to the Upper Cervical Spine - A Corridor Familiar to the Spine Surgeon		Y Murugan
9.37am- 9.39am	Post operative Sagittal alignment in congenital thoracolumbar and lumbar kyphosis		Ujjwal Debnath
9.41am- 9.43am	Dynamic Extension Reserve(DER) & T1 slope (T1S) predict loss of cervical lordosis following Cervical Laminoplasty: Proposal for a New Classification System		S BORKAR
9.45am- 9.47am	Lumbar rocking test: A new clinical test for predicting lumbar instability		B K GARG
9.49am- 9.51am	Normal Spino-pelvic parameters and correlation between Lumbar Lordosis (LL) and Pelvic Incidence (PI) in Children and Adolescents in the Indian population		A SOLANKI
9.53am- 9.55am	Comparison of clinical outcome and Complications with fluoroscopically guided Preganglionic versus Postganglionic Transforaminal Epidural steroid injection (TFESI)		P.U. Chavan
9.57am- 9.59am	Role of Immediate Post-operative MRI in Spine surgery		N BARWAR
10.01am- 10.03am	Incidence and analysis of abnormal magnetic resonance imaging of the lumbar spine in asymptomatic patients		A kulkarni



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10.05am- 10.07am	Radiological Measurement of Lumbar Endplates in Indian Population with Respect to Available OLIF Cages		T.K. Pisal
10.09am- 10.11am	Complex Revision Spine surgeries: How to do it right?		H.R Patel
10.13am- 10.15am	A Detachable Lead Apron: Is It An Answer To Shoulder, Back Pain And Surgeon Fatigue In Microtubular Discectomy Surgery?		T Kunder
10.16am- 10.25am	<b>Discussion</b>		
10.25am- 11.15am	<b>Session 6b</b>	Dr.Pramod Lokhande,Dr. Arun Bhanot, Dr. Karunakaran	
10.25am- 10.35am	Case presentation: Cervical disc prolapse		Dr.Charanjit Dhillon
10.35am- 10.50am	Lecture + Video: Endoscopic Cervical Lamino foraminotomy and Cervical Laminectomy.		Dr. Jin-Sung Kim
10.50am- 10.55am	<b>Discussion</b>		
10.55am- 11.10am	<b>Lecture: How will technology shape spinal surgery during the next decade ?</b>	Dr.Sajan Hegde, Dr.H.S. Chhabra	Dr.Kenneth Cheung
11.00am- 11.15am	<b>Discussion</b>		

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